CIVIL PRO

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP/2018/08/27/06
Customer	:	Assistant Executive Engineer, 7 Dasarahalli Sub Division, BBMP, Bangalore
Address	:	7 Dasarahalli Sub Division, BBMP, Bangalore
Project Name	:	Improvements to roads and drains at Services 5th main & 6th cross roads Margosatha Nagara in Ward No.14 Bagalagunte
Agency	:	Technical Manager Ward, E.E.D.D.I., Project Implementation Unit, No.300, 6th Cross, 11th C Main road, 3rd V Block, Rajajinagar, Bangalore-560010
Customer's Reference	:	BBMP/EE/TS3/WT/76/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-08-18
Sample ID No	:	2018/08/27/06/ /01
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5
Date of test	:	31/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	M20 Concrete	M20	24/08/2018	31/08/2018	150.42 X 150.54 X 150.45	22644	8.312	389.5	17.2	17.2
2	M20 Concrete	M20	24/08/2018	31/08/2018	150.42 X 150.54 X 150.45	22644	8.331	398.5	17.6	
3	M20 Concrete	M20	24/08/2018	31/08/2018	150.32 X 150.54 X 150.35	22629	8.345	380.2	16.8	

Note:
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FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sign Date BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TR/01

Lab ID	:	CP-2018-08-27-06
Customer	:	Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore
Address	:	T Dasarahalli Sub Division, BBMP, Bangalore
Project Name	:	Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No 14 Bagalagunte
Agency	:	Technical Manager West, K R I D L, Project Implementation Unit, No 288, 19th Cross, 17th C Main road, 3rd T Block, Rajajinagar, Bangalore-560010
Customer's Reference	:	BBMP/TLD/DD/WO/76/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-08-18
Sample ID No	:	2018-08-27-06 /08
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date: 21/09/2018

Date of test : 21/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	M20 Concrete	M20	24/08/2018	21/09/2018	150.36 X 150.33 X 150.31	22604	8.332	495.0	21.9	22.1
2	M20 Concrete	M20	24/08/2018	21/09/2018	150.29 X 150.34 X 150.32	22595	8.378	510.6	22.6	
3	M20 Concrete	M20	24/08/2018	21/09/2018	150.38 X 150.32 X 150.31	22605	8.398	492.8	21.8	

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Quality Manager

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2, 7TH MAIN, KRISHNAPPA LAYOUT, BANGALORE - 9

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP/2018-08-27-06
Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore
Address : T.Dasarahalli Sub Division, BBMP, Bangalore
Project Name : Improvements to roads and drains at between 5th main & 4th cross roads Muthyalatha Nagara to Ward No 14 Bagalagunte
Agency : Technical Manager West, K.R.I.D.L, Project Implementation Unit, No 280, 59th Cross, 7th C Main road, 3rd T Block, Rajajinagar, Bangalore-560010
Customer's Reference : BBMP/Addl.CE/TDHalli/Tech/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 27-08-18
Sample ID No : 2018-08-27-06 /09
Customer ID : M20 Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete CL:5
Date of test : 31/08/2018

Sl No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	M20 Concrete	M20	24/08/2018	31/08/2018	150.22 X 150.33 X 150.35	22580	8.278	406.5	18.0	18.3
2	M20 Concrete	M20	24/08/2018	31/08/2018	150.28 X 150.34 X 150.30	22590	8.310	412.5	18.3	
3	M20 Concrete	M20	24/08/2018	31/08/2018	150.28 X 150.31 X 150.38	22589	8.342	407.6	18.5	

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	
Customer	:	
Address	:	
Project Name	:	
Agency	:	
Customer's Reference	:	Samples supplied by Agency
Nature of Sample	:	Satisfactory
Sample Condition	:	27.08.18
Date of Receipt	:	2018.08.27-06 :15
Sample ID No	:	M30 Concrete
Customer ID	:	150X150X150 mm
Sample Type /Size	:	M20 / 28 Days Compressive Strength
Sample grade/Age	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Reference to BIS codes	:	21/09/2018
Date of test	:	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	24/08/2018	21/09/2018	150.26 X 150.33 X 150.30	22580	8.325	506.0	22.4	
2	M20 Concrete	M20	24/08/2018	21/09/2018	150.29 X 150.35 X 150.32	22596	8.320	515.2	22.8	22.8
3	M20 Concrete	M20	24/08/2018	21/09/2018	150.38 X 150.30 X 150.31	22602	8.358	522.1	23.1	

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R KARTHIK RECHAN
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Quality Manager

CIVIL Pro Sig Date BANGALORE

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Certificate No. TC-5444

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TER/01

Lab ID	:	**CP/2018-08-27-06**
Customer	:	Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore. **Date: 31/08/2018**
Address	:	T Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No.14 Bagalagunte
Agency	:	Technical Manager West, K.R.I.D.L, Project Implementation Unit, No.280, 59th Cross, 17th C Main road, 3rd T Block, Rajajinagar, Bangalore-560010
Customer's Reference	:	BBMP/EE/DD/WO/76/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-08-18
Sample ID No	:	2018-08-27-06 /11
Customer ID	:	M20 Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5
Date of test	:	31/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	24/08/2018	31/08/2018	150.26 X 150.30 X 150.24	22584	8.298	393.0	17.4	17.5
2	M20 Concrete	M20	24/08/2018	31/08/2018	150.32 X 150.36 X 150.40	22602	8.331	404.6	17.9	
3	M20 Concrete	M20	24/08/2018	31/08/2018	150.23 X 150.35 X 150.30	22587	8.382	388.5	17.2	

Note:
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Quality Manager

CIVIL PRO Sig. Date. BANGALORE

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Certificate No: TC-1648

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-08-27-06

Date: 21/09/2018

Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

Address : T.Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No.14 Bagalagunte

Agency : Technical Manager West, K.R.I.D.L, Project Implementation Unit, No.280, 59th Cross, 17th C Main road, 3rd Y Block, Rajajinagar, Bangalore-560010

Customer's Reference : BBMP/EE/DD/WO/76/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 27-08-18

Sample ID No : 2018-08-27-06 /12

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	24/08/2018	21/09/2018	150.29 X 150.39 X 150.32	22602	8.345	517.6	22.9	22.8
2	M20 Concrete	M20	24/08/2018	21/09/2018	150.24 X 150.28 X 150.31	22578	8.360	503.5	22.3	
3	M20 Concrete	M20	24/08/2018	21/09/2018	150.30 X 150.33 X 150.34	22595	8.372	526.5	23.3	

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TEST RESULTS OF GRADATION FOR GSB
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID	:	CP-BW-2018-08-20-05 Date: 22-08-18
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore
Project Name	:	Improvements to roads and drains at between 5th main & 6th cross roads Manjunatha Nagara in Ward No.14 Bagalagunte
Agency	:	Technical Manager West, K.R.I.D.L, Project Implementation Unit, No.280, 59th Cross, 17th C Main road, 3rd Y Block, Rajajinagar, Bangalore-560010
Customer Reference	:	BBMP/EE/DD/WO/76/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-08-18
Sample ID No	:	2018-08-20-05/01
Type of Mix	:	GSB (Granular Sub Base)
Date of test	:	20-08-18
Oven Dry Weight	:	10000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec. Limit Vide Table 400.1 MORTH Specification
75	0	0	0	100	100
53	500	500	5.00	95.00	80-100
26.5	3500	4000	40.00	60.00	55-90
9.5	600	4600	46.00	54.00	35-65
4.75	1400	6000	60.00	40.00	25-55
2.36	300	6300	63.00	37.00	20-40
0.425	2700	9000	90.00	10.00	10-25
0.075	800	9800	98.00	2.00	0-5

TESTS ON FILLER SCREEN MATERIALS

Sl no	Particulars	Test results	Spec.Limit Vide Table
1	Liquid Limit, %	22.33%	Maximum 25
2	Plasticity index, %	Non plastic	Maximum 6

Note:-

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R KARTHIK RECHAN
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CIVIL PRO Sig..... Date..... BANGALORE

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